

CLAIMS

1. A curable composition comprising:

a reactive silicon group-containing polyoxyalkylene polymer which is obtained by reacting a polyoxyalkylene polymer (A) having a molecular weight distribution of 1.6 or less, a number average molecular weight of 15,000 to 50,000, and 0.8 or more reactive groups, on average, per molecule thereof with an organic compound (B) having in the molecule thereof a reactive silicon group and a functional group capable of reacting with the reactive groups of the polymer (A) in a proportion of 0.8 to 1.5 molecules of the organic compound (B), on average, per molecule of the component (A);

a filler (C); and

a curing catalyst (D).

2. The curable composition according to claim 1, in which:

in the liquid components of the curable composition according to claim 1, the ratio y/x of the content y (wt%) of a component having no reactive silicon groups to the content x (wt%) of a component having at least one reactive silicon group is 0.4 or less, with the proviso that $x + y = 100$, wherein:

the liquid component having no reactive silicon groups means a polyoxyalkylene polymer having no reactive silicon groups introduced when the component (A) and the

component (B), both according to claim 1, are reacted with each other; and

in the case where the curable composition according to claim 1 comprises a plasticizer, the liquid component having no reactive silicon groups means the plasticizer component.

3. The curable composition according to any one of claims 1 and 2, comprising 10 parts by weight or less of a plasticizer in relation to 100 parts by weight of the reactive silicon group-containing polyoxyalkylene polymer according to claim 1 or comprising no plasticizer.

4. The curable composition according to any one of claims 1 to 3, in which the reactive group of the component (A) is an alkenyl group, and the component (B) is an organic compound having a hydrosilyl group as a functional group capable of reacting with the component (A).

5. The curable composition according to any one of claims 1 to 3, in which the reactive group of the component (A) is a hydroxyl group, and the component (B) is an organic compound having an isocyanate group as a functional group capable of reacting with the component (A).

6. The curable composition according to any one of claims 1 to 3, in which the reactive group of the component (A) is an isocyanate group, and the component (B) is an organic compound having an amino group as a functional group capable of reacting with the component (A).

7. The curable composition according to any one of claims 1 to 3, in which the reactive group of the component (A) is an alkenyl group, and the component (B) is an organic compound having a mercapto group as a functional group capable of reacting with the component (A).